

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/524,817  
Source: PLT  
Date Processed by STIC: 02/16/2006

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 02/16/2006

PATENT APPLICATION: US/10/524,817

TIME: 12:47:11

Input Set : A:\2005-09-07 3691-0115PUS1.ST25.txt

Output Set: N:\CRF4\02162006\J524817.raw

```

3 <110> APPLICANT: Akira Matsuda et al.
5 <120> TITLE OF INVENTION: 4'-THIONUCLEOTIDE
7 <130> FILE REFERENCE: 3691-0115PUS1
9 <140> CURRENT APPLICATION NUMBER: US 10/524,817
10 <141> CURRENT FILING DATE: 2005-02-18
12 <150> PRIOR APPLICATION NUMBER: JP 2002-242259
13 <151> PRIOR FILING DATE: 2002-08-22
15 <160> NUMBER OF SEQ ID NOS: 11
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 43
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Synthetic template for RNA synthesis
27 <400> SEQUENCE: 1
28 taatacgcact cactataggg agaccatgca cttccggttt ccc 43
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 43
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Synthetic template for RNA synthesis
38 <400> SEQUENCE: 2
39 gggaaaccgg aagtgcattg tctccctata gtgagtcgta tta 43
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 26
43 <212> TYPE: RNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Synthetic product of RNA synthesis
49 <400> SEQUENCE: 3
50 gggagaccac gcacuuaccg uuuccc 26
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 47
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Synthetic template for RNA synthesis
60 <400> SEQUENCE: 4
61 taatacgcact cactataggg agaagagtac tgtctatgat ccaccga 47
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 47

```

## RAW SEQUENCE LISTING

DATE: 02/16/2006

PATENT APPLICATION: US/10/524,817

TIME: 12:47:11

Input Set : A:\2005-09-07 3691-0115PUS1.ST25.txt

Output Set: N:\CRF4\02162006\J524817.raw

```

65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Synthetic template for RNA synthesis
71 <400> SEQUENCE: 5
72 tcggtgatc atagacagta ctcttctccc tatagtgagt cgtatta 47
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 30
76 <212> TYPE: RNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Synthetic product of RNA synthesis
82 <400> SEQUENCE: 6
83 gggagaagag uacugucua uau gauccaccga 30
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 76
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Synthetic template for RNA synthesis
93 <400> SEQUENCE: 7
94 taatacgact cactataggg agaagggat cccggtcgaa gttagtaggc ggagtggagaa 60
95 gaggtgacgg taccag 76
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 76
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Synthetic template for RNA synthesis
105 <400> SEQUENCE: 8
106 ctggtaccgt cacctcttct cactccgcct actaacttcg atccggatac ccttctccct 60
107 atagtga gtc gtatta 76
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 59
111 <212> TYPE: RNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Synthetic product of RNA synthesis
117 <400> SEQUENCE: 9
118 gggagaaggg uauccggauc gaaguuagua ggcggaguga gaagagguga cgguaccag 59
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 16
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Synthetic primer for reverse transcription
128 <400> SEQUENCE: 10
129 ctggtaccgt cacctc 16
131 <210> SEQ ID NO: 11

```

## RAW SEQUENCE LISTING

DATE: 02/16/2006

PATENT APPLICATION: US/10/524,817

TIME: 12:47:11

Input Set : A:\2005-09-07 3691-0115PUS1.ST25.txt

Output Set: N:\CRF4\02162006\J524817.raw

132 &lt;211&gt; LENGTH: 59

133 &lt;212&gt; TYPE: DNA

134 &lt;213&gt; ORGANISM: Artificial Sequence

136 &lt;220&gt; FEATURE:

137 &lt;223&gt; OTHER INFORMATION: Synthetic product of reverse transcription

139 &lt;400&gt; SEQUENCE: 11

140 ctggtaccgt cacctcttct cactccgct actaacttcg atccggatac ccttctccc 59

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/524,817**

DATE: 02/16/2006

TIME: 12:47:12

Input Set : **A:\2005-09-07 3691-0115PUS1.ST25.txt**

Output Set: **N:\CRF4\02162006\J524817.raw**